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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	Not yet assigned
Filing Date	Submitted herewith
First Named Inventor	FULTON et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	032,290-066

Sheet 1 of 4

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cito No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	3,818,894		Wichterle et al.	6/1974	
	AB	4,007,732		Kvavle et al.	2/1977	
	AC	4,248,214		Hanna et al.	2/1981	
	AD	4,331,654		Morris	5/1982	
	AE	4,541,438		Parker et al	9/1985	
	AF	4,545,367		Tucci	10/1985	
	AG	4,592,356		Gutierrez	6/1986	
	AH	4,647,480		Ahmed	3/1987	
	AI	4,693,237		Hoffmon et al.	9/1987	
	AJ	4,774,948		Markham	10/1988	
	AK	4,799,495		Hawkins, et al.	1/1989	
	AL	4,813,422		Fisher	3/1989	
	AM	4,817,622		Pennypacker et al.	4/1989	
	AN	4,847,049		Yamamoto	7/1989	
	AO	4,852,568		Kensey	8/1989	
	AP	4,909,250		Smith	3/1990	
	AQ	4,966,583		Debbas	10/1990	
	AR	4,986,279		O'Neill	1/1991	
	AS	5,014,713		Roper et al.	5/1991	
	AT	5,018,530		Rank et al.	5/1991	
	AU	5,080,655		Haaga	1/1992	
	AV	5,083,570		Mosby	1/1992	
	AW	5,158,084		Ghiatas	10/1992	
	AX	5,195,988		Haaga	3/1993	
	AY	5,197,482		Rank et al.	3/1993	
	AZ	5,221,269		Miller et al.	6/1993	
	BA	5,236,410		Granov et al.	8/1993	
	BB	5,281,408		Unger	1/1994	
	BC	5,282,781		Liprie	2/1994	
	BD	5,325,857		Nabai et al	7/1994	
	BE	5,334,216		Vidal et al.	8/1994	

Examiner Signature	<i>[Signature]</i>	Date Considered	12-14-05
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Sheet 2 of 4

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U.S. PATENT DOCUMENTS					
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		Number	Kind Code <sup>2</sup> (if known)		
BP	BF	5,334,381		Unger	8/1994
	BG	5,353,804		Kornberg et al.	10/1994
	BH	5,388,588		Nabai et al.	2/1995
	BI	5,394,886		Nabai et al.	3/1995
	BJ	5,409,004		Sloan	4/1995
	BK	5,422,730		Barlow et al.	6/1995
	BL	5,423,321		Fontenot	6/1995
	BM	5,467,780		Nabai et al.	11/1995
	BN	5,479,936		Nabai et al.	1/1996
	BO	5,483,972		Nabai et al.	1/1996
	BP	5,487,392		Haaga	1/1996
	BQ	5,494,030		Swartz et al.	2/1996
	BR	5,517,997		Fontenot	1/1996
	BS	5,526,822		Burbank et al.	6/1996
	BT	5,549,560		Von de Wijdeven	8/1996
	BU	5,556,410		Mittermier et al.	9/1996
	BV	5,636,255		Ellis	6/1997
	BW	5,643,246		Leeb et al.	7/1997
	BX	5,646,146		Faarup et al.	7/1997
	BY	5,647,374		Cutrer	7/1997
	BZ	5,660,185		Shmulewitz et al.	8/1997
AS	CA	5,676,925		Klaveness et al.	10/1997
	CB	5,688,490		Tournier et al.	11/1997
	CC	5,795,308		Russin	8/1998
	CD	5,807,276		Russin	9/1998
	CE	5,902,310		Foerster et al.	5/1999
	CF	6,053,876		Fisher	4/2000
	CG	6,056,700		Burney et al.	5/2000
	CH	6,071,301		Cragg et al.	6/2000
	CI	6,161,034		Burbank et al.	12/2000
	CJ	6,183,497		Sing et al.	2/2001

Examiner  
Signature

Brian Smedley

Date  
Considered

12-14-05

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				Group Art Unit	
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	032,290-066

CK	6,214,045	Corbitt, Jr. et al.	4/2001	
CL	6,270,464	Fulton, III	8/2001	
CM	6,248,057	Mavity et al.		
CN	6,356,782	Sirimanne et al.	3/2002	
CO	6,427,081	Burbank et al.	7/2002	
CP	2002/0026234	Li et al.	2/2002	
CQ	2002/0026201	Foerster et al.	2/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
BR	CR	EP	146699	✓		9/1987		
BR	CS	EP	0481685	✓		10/1991		
	CT	EP	894 503			3/1999		
BR	CU	WO	93/14712	✓		5/1993		
	CV	WO	96/08208			3/1996		
	CW	WO	98/06346			2/1998		
BR	CX	WO	00/38579			7/2000		

Examiner Signature	<i>Brian Lind</i>	Date Considered	12-14-05
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				First Named Inventor	FULTON, et al.
				Group Art Unit	
				Examiner Name	
Sheet	4	of	4	Attorney Docket Number	032,290-066

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume–issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	DA	Hussman et al., "Optical Breast Lesion Localization Fiber: Preclinical Testing of a New Device," <u>Radiology</u> , 200:865-866 (September 1996)	
	DB	Hussman et al., "MR Mammographic Localization Work in Progress," <u>Radiology</u> , 189:915-917 (1993)	
	DC	"Surgical Treatment of Breast Disease, Making the Diagnosis of Breast Cancer: Non-Palpable Breast Masses," BreastDoctor.com, <a href="http://www.breastdoctor.com/breast/surgery/biopsy.htm">http://www.breastdoctor.com/breast/surgery/biopsy.htm</a>	
	DD	"Surgical Treatment of Breast Disease: What's New? Diagnosing Breast Cancer: The ABBI Breast Biopsy System," BreastDoctor.com, <a href="http://breastdoctor.com/breast/surgery/abbi.htm">http://breastdoctor.com/breast/surgery/abbi.htm</a>	

Examiner Signature	<i>Brian Serna</i>	Date Considered	<i>12-4-05</i>
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